

Title (en)

Device comprising at least two manipulators, positioning device suitable for placing electrical components on a support and pick-up device suitable for use in such a positioning device.

Title (de)

Vorrichtung mit mindestens zwei Manipulatoren, Ausrichtvorrichtung zum Anbringen elektrischer Bauteile auf einen Träger sowie Aufnehmer zum Gebrauch in einer derartigen Ausrichtvorrichtung.

Title (fr)

Dispositif comprenant au moins deux manipulateurs, un dispositif de positionnement pour le placement de composants électriques sur un support et un dispositif de préhension à utiliser dans un tel dispositif de positionnement.

Publication

EP 0434156 A1 19910626 (EN)

Application

EP 90203353 A 19901217

Priority

NL 8903131 A 19891221

Abstract (en)

The invention relates to a device provided with at least two manipulators having parallel centre lines. Each manipulator is provided with an arm connected to a common coupling member. Due to the movement of the coupling member, the manipulators are rotated about the centre lines and the arms then describe paths which intersect each other. The invention further relates to a positioning device suitable for placing electrical components on a support. <IMAGE>

IPC 1-7

H05K 13/04

IPC 8 full level

B25J 5/02 (2006.01); **H05K 13/04** (2006.01)

CPC (source: EP KR US)

H05K 13/04 (2013.01 - KR); **H05K 13/0411** (2018.07 - EP US); **Y10S 414/13** (2013.01 - EP US); **Y10T 29/49131** (2015.01 - EP US); **Y10T 29/49133** (2015.01 - EP US); **Y10T 29/53178** (2015.01 - EP US)

Citation (search report)

- [AD] EP 0183301 A1 19860604 - PHILIPS NV [NL]
- [AD] EP 0092292 A1 19831026 - PHILIPS NV [NL]
- [A] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 17, no. 7, December 1974, NEW YORK US pages 1961 - 1962; Z. Segal and T. Welnicki: "High-resolution X, Y, Z, Ø mechanism"

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EP0514975A1; US5216804A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0434156 A1 19910626; EP 0434156 B1 19950405; DE 69018405 D1 19950511; DE 69018405 T2 19951102; HK 171496 A 19960920; JP H04122588 A 19920423; KR 910011608 A 19910807; US 5058263 A 19911022

DOCDB simple family (application)

EP 90203353 A 19901217; DE 69018405 T 19901217; HK 171496 A 19960912; JP 41273890 A 19901221; KR 900020874 A 19901218; US 57632190 A 19900829